

**State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles
FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
CITY OF MONTEREY PARK
(City Well No.5 Treatment Testing Project)
NPDES NO. CAG914001
CI-8614**

FACILITY LOCATION

2450 N. Charlotte Avenue
Rosemead, CA 91770

FACILITY MAILING ADDRESS

320 W. Newmark Avenue
Monterey Park, CA 91745

PROJECT DESCRIPTION

The City of Monterey Park (City) has installed a liquid-phase granular activated carbon (LGAC) treatment facility to remove perchlorate and other volatile organic compounds from drinking water Well No.5, located at 2450 N. Charlotte Avenue, Rosemead. In January 2002, the California Department of Health Services (DHS) lowered the action level (AL) for perchlorate to 4 µg/L, causing the City to immediately remove Well No.5 from operation. The City is proposing to modify the existing LGAC system which consists of four adsorbers. The LGAC vessel piping will be configured as sets of two vessels. The second carbon vessel in each set will provide the secondary barrier required by DHS if the treated water is to be introduced into the distribution system. An on-line nitrate analyzer will be installed to continuously monitor nitrate concentrations in the treated groundwater. During startup testing, the treated water will be discharged to Alhambra Wash. The discharge during treatment system start-up for City Well No.5 is necessary for the City to satisfy the California Department of Health Service's (DHS) requirements, and to obtain DHS's approval prior to supplying treated groundwater for domestic use.

VOLUME AND DESCRIPTION OF DISCHARGE

The City proposes to discharge up to 2.6 million gallons per day of treated groundwater during the startup testing periods. The high discharge rate during startup phase is needed in order to demonstrate to DHS that the water quality produced by the treatment facility is equivalent to, or better than, the expected during the design phase of the project. Results of the startup testing will be provided to DHS in anticipation of receiving a permit to provide the treated water to the City's customers. The treated groundwater will be discharged into the Alhambra Wash (Latitude 34°03' 38", Longitude 118° 05'08"), thence to the Rio Hondo, a water of the United States. The site location and the schematic of waste flow diagram are shown as Figures 1 and 2, respectively.

FREQUENCY OF DISCHARGE

The discharge is scheduled to begin in July 2003. It is anticipated that the schedule for the startup testing will encompass approximately two weeks. After the testing period, the treated groundwater will be distributed to the City's customers for potable use.

REUSE OF WATER

There are no feasible reuse options because of the large volume of water that will be discharged over a short period of time. Therefore, the groundwater will be discharged to the Alhambra Wash.